KARNATAKA TEST HOUSE PVT. LTD.

MATERIAL TESTING LABORATORY

778/44, Gokul 1st Stage, 2nd Phase, 8th Cross, Triveni Road,
Yeshwanthpur, Bangalore - 560 054.

Tel.: 23378383 Telefax : 23375326, E-mail : kthblr@gmail.com Website : www.karnatakatesthouse.com

Report No. : KTH/WMM/802-1133/2013-2014 **Date: 13.07.2013**

TEST REPORT ON WET MIX MACADAM

Name of the Customer* : **The Assistant Executive Engineer,**
BBMP, Kodigehalli Sub Division,
Sahakarngara, Kodigehalli, Bangalore.

Name of the Project* : Improvements of Roads, Drains & Asphalting to Roads in Venkategowda layout, Kempapura, 1st B Main in ward No.7, Byatarayanapura, Kodigehalli sub division.

Name of Contractor* : Mr. M.R.Girish, Bangalore.

Customer Reference : Letter No.AEE/KOD.SUB.DIV/72/13-14 dtd 08/07/2013

Source of Sample : Supplied by the Contractor.

Sample Received on : 09.07.2013.

Technical Reference : MORT&H Specification (Fourth revision)

SIEVE ANALYSIS

Sl. No.	Sieve size mm	% Passing (Obtained gradation)	Specification as per MORT&H (Section 400, Table 400-11) % by wt. passing	Remarks
1	53	100	100	Sample confirms to Specification as per MORT&H (Section 400, Table 400-11)
2	45	96.2	95-100	
3	26.5	74.7	-	
4	22.4	65.2	60-80	
5	11.2	42.7	40-60	
6	4.75	26.8	25-40	
7	2.36	19.9	15-30	
8	0.60	10.4	8-22	
9	0.075	3.1	0-8	

Sl. No.	Test Conducted	Results in %	Specification as per MORT&H (Section 400, Table 400-11) % by wt. passing
1.	Combined Flakiness Index Elongation Index	18.67	Shall not be more than 30%
2.	Impact Value (%)	22.87	Shall not be more than 30%

* As furnished by the customer.

For **KARNATAKA TEST HOUSE PVT. LTD.**

(SREENIVASA.C.)
TECHNICAL MANAGER

Note : 1) This report is not to be reproduced except in full without our prior permission in writing.
2) The results listed refer only to the tested samples and applicable parameters.

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

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Report No. : KTH/BITU/835-1188/2013-2014 **Date: 20.07.2013**

TEST REPORT ON SEMI DENSE BITUMINOUS CONCRETE (SDBC)

Name of the Customer* : **The Assistant Executive Engineer,**
BBMP, Kodigehalli Sub Division,
Sahakarngara, Kodigehalli, Bangalore.

Name of the Project* : Improvements of Roads, Drains & Asphalting to Roads in Venkategowda layout, Kempapura, 1st B Main in ward No.7, Byatarayanapura, Kodigehalli sub division.

Name of Contractor* : Mr. M.R.Girish, Bangalore.

Source of Sample : Supplied by the Contractor.

Sample Received on : 19.07.2013.

Technical Reference : IS 73 :1992 (Reaffirmed-1998) and MORT&H-Specification 4th Revision

a) Gradation for Semi Dense Bituminous Concrete (SDBC)

Sl. No.	Sieve size mm	% Passing	Specification as per MORT&H (Section 500, Table 500-15) % by wt. passing
			Grade-2
1	19	100	-
2	13.2	100	100
3	9.50	91.5	90 – 100
4	4.75	40.5	35 – 51
5	2.36	26.5	24 – 39
6	1.18	18.4	15 – 30
7	0.60	11.3	–
8	0.30	9.7	9 – 19
9	0.15	5.1	–
10	0.075	3.0	3 – 8

b) Bitumen Content of Semi Dense Bituminous Concrete (SDBC)

Sl. No.	Description	Test Values	Remarks
1	Weight of Bitumen mix	880 grams	Bitumen content min 5.0% as per MORT&H Specification
2	Weight of aggregate after extraction of bitumen	834 grams	
3	Weight of Bitumen	46 grams	
4	Bitumen content %	5.23 %	

*As furnished by the customer.

For **KARNATAKA TEST HOUSE PVT. LTD.**

(SREENIVASA.C.)
TECHNICAL MANAGER

Assistant Executive Engineer.
Kodigehalli Sub Division.

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